UNIFORM COLLEGE ENTRANCE REQUIRE-MENTS. WITH A JOINT BOARD OF EX-

AMINERS-PAPER BY DR. BUTLER. Trenton, N. J., Dec. 1 .- The thirteenth annual conn of the Association of Colleges and Preparaols of the Middle States and Maryland here this morning in the auditorium of the State Normal School. After the address of welcome O. Briggs, Mayor of Trenton, and the response by Isaac Sharpless, president of Haverford Professor George S. Fullerton, of the University of Pennsylvania, read a paper on the general topic of "The Aim of the Teaching of Philoso-American Colleges." He was followed by y in American Colleges. It is a con-ofessors A. T. Ormond, of Princeton University, d. F. C. French, of Vassar College, who conued the same subject.

At the afternoon session the topic for discussion ras "Uniform College Admission Requirements, with a Joint Board of Examiners." Two papers were read, one by Dr. Nicholas Murray Butler, of Columbia University, and the other by Christopher Gregory, principal at Long Branch, N. J. Dr. Buthas for several years been working toward the end outlined in his paper, which called forth con-siderable discussion on the part of several promient educators. Dr. Butler's paper was in part as

It has long been my belief that most of the diffi-ulties which have attended and still attend the re-ations between secondary schools and colleges frow out of what may properly be called our edu-ational atomism. Each institution plays for its own hand, and consults first what it rightly or erongly feels to be its own peculiar interests, and then, if time and opportunity serve, it casts a sympathetic glance toward the interests of educa-

general ery hand is evidence of the injury which this oral policy of unrestricted competition has not is doing. The schools cry out against lipits complain of it, the parents find fault and the colleges themselves are restless t and dissatisfied with it. I feel certain that unrest is to usner in an era of educational ation, which will increase the effectiveness existing machinery many fold, and that this ation will take on many now unsuspected

PROBLEM OF COLLEGE ENTRANCE.

PROBLEM OF COLLEGE ENTRANCE.

The most direct and the most important application of this principle is to be found in the relations sewen the colleges and the secondary schools, and these relations in turn all centre about the oblem of college entrance. I have not concealed on this association in years past my view that ere should not be any problem of college entrance at all, and that the formal examination for mission to college is a survival which should be jefly of historic interest. Fortunately many large de influential colleges throughout the country ke this view, and with the happiest results; but, pecially on this Atlantic seaboard, some still ok to the old plan. Here, where the largest college with a truly National constituency have all homes, we feel the full force of the evils of a nomic system of college administration. Their mirrements for admission are not only as diverse the colleges are numerous, but more so, for ne of them have two systems going at the same is. They can neither agree upon subjects to be cred for admission, not upon topics within those ejects. When perchance some of them do agree a little while upon the topics within one subtemples. When perchance some of them do agree a little while upon the topics within one subtemples in the same and ossibly uniform requirement that its uniformity in no small measure interfered with. In other nuches the difference in subjects required is even re-diverse, and the difference in tipe topics cified under the several subjects is appalling. O remove these crying and admitted evils there need not slone of uniform requirements for college admission, but of a uniform administration of the equirements. To establish uniform requirements without uniform administration would leave problem unsolved. This does not imply that polleges shall agree to require the same set of

such examinations.

Sixth—That the colleges which are members of this association be formally asked to accept these certificates, so far as they go, in place of the existing separate admission examinations.

Seventh—That this board should establish the principle of accepting no paper as an examination test for college admission which has not been passed upon both by a representative of the colleges and by a representative of the condenses and the principle of rejecting no answer paper save by the concurrent judgment of not less than two examiners.

schools, and the principle of rejecting no answer paper save by the concurrent judgment of not less than two examiners.

Eighth—That the actual examiners under the jurisdiction of this board should include secondary school teachers as well as college teachers.

There are absolutely no practical difficulties in the carrying out of this plan. Oxford and Cambridge have long done something very like it. Several American colleges have for years held admission examinations simultaneously at many and distant points, some as far away as Paris, Hawail and Japan. The State of New-York has in the Regents' office and in the Department of Public Instruction a system by which hundreds of thousands of answer papers to uniform questions are passed upon each year. It is my tudgment that of the larger colleges in the Middle States and Maryland, Cornell, Columbia and Pennsylvania are ready for this plan. Perhaps Princeton is too. The great institutions of the West would gladly accept the certificates issued by such a board. Should such a board be established and do its work well, it will be extremely difficult for Harvard College to refuse to accept its certificates, after President Ellot's part in bringing the plan forward. As for Yale, let us watch and pray for President Hadley.

To REQUIRE A UNIFORM AMOUNT OF WORK.

TO REQUIRE A UNIFORM AMOUNT OF WORK. Principal Gregory agreed with some of Professor Butler's propositions, but expressed radical- It is intended to excavate the larger temples and different views on the best course to pursue. He looked at the question from the standpoint of the high school. Not one-half of the smaller chools in New-Jersey, he said, send pupils to coland he suggested that instead of adopting m requirements for admission to college, the dieges should adopt a uniform amount of work and should consider eligible for admission any upil who had faithfully done this amount of ook in whatever branches of study. There should be a prescribed number of required subjects which are regarded as essential in a liberal education. He favor an undue amount of election on the part of the pupil as to what studies he should pursue, but was of the opinion that the best results would be obtained by a judicious selection of work in accordance with the tastes and special tions of the pupils. To adopt an absolute of for admission would work injury to the

Mandard for admission would work injury to the puril.

The reading of the papers was followed by a discussion of the subject, participated in by President Patton of Princeton. President Ellot of Harvard and Fresident Low of Columbia.

President Patton although not expressing himself positively on behalf of his university, was inclined to look with distavor upon the project, which, however, was heartily supported by Presidents Ellot and Low. President Patton said he had long felt that there was something wrong in the relations between high school and university, but he had been unable to decide just where the trouble lay. He was rash enough at one time to think that Ihere was some virtue in entrance requirements, but since listening to Principal Gregory's

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paper he had become convinced that all the col-

WOULD RULE OUT THE CLASSICS. If the proposed plan were adopted, the entire d entrance requirements of colleges would hav to be adjusted to new conditions. At Princetor .: would mean that the courses would be

Princetor it would mean that the courses would be entirely elective. Latin and Greek would not be a necessary adjunct to a Bachelor of Aris degree. This might be a good thing, said Dr. Patton, but he was inclined to doubt it.

President Ediot, in favoring Professor Butier's idea, said that if carried out it would be a great step in the advancement of education. President Low said that in New-York City only private schools send pupils to college, and it often happens that in a class of half a dozen or so the pupils have selected colleges with different entrance requirements, so that they have to be taught separately instead of as one class. This evil can only be remedied, he said, by having uniform requirements and common examiners.

Dr. Warfield, of Lafayette, practically indorsed the remarks of Professor Gregory. A committee of five of diverse views will be appointed to make a report on the subject.

To-nish the association was formally welcomed by Governor Voorhees.

President Isaac Sharpless of Haverford College made an address on "Public Life of College Men."

NEWS OF THE COLLEGES.

THE YALE UNIVERSITY COUNCIL-MEET-INGS OF AMERICAN CHEMICAL BO-CIETY AND THE ARCHÆO-LOGICAL INSTITUTE.

New-Haven, Conn., Dec. 1 .- The announcemen of the membership and object of Yale's University Council was made this week. It will be composed as follows: The dean and three elected members from the academic department, the dean and two elected members from the Sheffield Scientific School, the deans and one elected member each from the Law School, Medical School and Divinity School; deans of the Graduate School, Art School and music department. The personnel of the council has

The council is to have a threefold duty. First, it is to represent the university in intercourse with other institutions of learning or with the outside public in those matters not belonging distinctly to the domain of any special faculty on the one hand nor calling for direct action of the corporation on the other. Thus the council will respond to official invitations which may be sent to the university, it will have charge of the methods of represent-ing Yale at exhibitions or public gatherings and the appointment of delegates to confer on general matters of educational policy.

Second-In regard to questions of policy suggested from outside, so far as they affect more than one department, the council will determine which department or departments may most properly be

consulted by the various parties interested. Third-The council will discuss, before referring them to the corporation, all acts of any one faculty which affect the workings of a department under the control of another. This is a most important be wholly deliberative, the council not having power to introduce changes without the consent power to introduce changes without the consent requirements for admission are not only as divers as the colleges are numerous, but more the same time, of or admission, not upon topics within those subjects. When perchance some of them do agree for a little while upon the topics within those subjects. When perchance some of them do agree for a little while upon the topics within those subjects. When perchance some of them do agree for a little while upon the topics within those subject in a small measure interfered with the problem in a small measure interfered with the problem and the strength of the control of the c of the corporation. The latter body has formally

HARVARD UNIVERSITY.

ARCHÆOLOGICAL EXPEDITION TO CEN-TRAL AMERICA-NEW PLAN FOR PRIZE AWARDS.

Cambridge, Mass., Dec. 1 .- W. C. Gordon, of the Peabody Museum of Archeology and Ethnology, left Cambridge this week to conduct explorations among the ruined cities of Central America, and especially in and around Copan. His object is to complete the work done by the museum during the years from 1892 to 1897, in which he was first an assistant and later in charge of the expedition. He will go directly to Tegucigalpa, the capital of Honduras, to negotiate with the Government for a new concession, since the edict under which the former work was done has been withdrawn. Mr. Gordon will purchase several thousand acres in the valley near the Copan ruins, and, with the stones from the ancient cities and the mahogany, cedar and pine on the land, will build substantial headquarters for this expedition and those to come to make impressions of the inscriptions and sculptured decorations on the walls, tablets and altars which will be brought to light. Mr. Gordon goes in advance of his party, which will consist of com-petent archæological students and of an experienced moulder. Owing to the dangers from disease in the district and to the fact that very few stu-dents understand the nature of the work, the Pea-

in the district and to the fact that very few students understand the nature of the work, the Peabody Museum will not risk sending more than four or five men on the expedition.

At the meeting of the Archeological Institute of America in New-Haven on December 27, 28 and 29, Harvard will be represented, in addition to the presiding officer, Professor Charles Ellot Norton, by the following papers: "The Hero Physiciam, by Professor W. W. Goodwin, "Ancient Pueblos of the Chace Canyon," by Professor F. W. Putnam, "On the Weight, Size and Throw of the Discus, "On the Weight, Size and Throw of the Discus, "On the Weight, Size and Throw of the Discus," "On the Weight, Size and Throw of the Discus, "On the Weight, Size and Throw of the Discus, "The Composition of Apelless Calumny," by Professor John H. Wright, and "Terra Cottas from the Argive Herreum," by George H. Chase.

The faculty has recently adopted a new plan of awarding academic distinctions, prizes and scholarships, by which the winners will obtain more adequate recognition than in the past. Invited guests will meet in the lecture room of the Fogs Art Museum a few days before the Christmas recess, when speeches will be made by prominent men and the awards will be announced. A pamphiet will be distributed which will contain all the Bowdoin prize winners. Isst year's prize and scholarship winners in the college and the Scholarship winners of the highest grade for the last four years. As the invited guests will be chiefly the prize winners of the past, many prominent men are expected to be present. It is intended thus to increase the distinction of academic efficiency by a formal and public ceremon?

UNIVERSITY OF PENNSYLVANIA.

UNIVERSITY OF PENNSYLVANIA.

GIFT FOR A PHYSICAL LABORATORY-OPEN-ING OF THE VIVARIUM. Philadelphia, Dec. 1.-Provost Harrison has just announced a gift of \$25,000 from a Philadelphia friend of the University of Pennsylvania for the erection and equipment of a laboratory of physics. The giver's name will not be made public until the building is completed, when it will be named after him. The new structure will be located at the corner of Thirty-fourth and Locust sis., upon ground recently purchased by the university, and will thus be next to the laboratory of hygiene and the Harrison Laboratory of Chemistry. It will contain, in addition to class and lecture rooms, special apartments for investigations of heat, light, electricity and magnetism, one or more con stant temperature rooms, with guarded entrances, and a museum which will show by a series of models the history of the development of physics.

CORNELL UNIVERSITY. DISTRIBUTION OF THE LIBRARY FUNDS

the Library Council adopted for the distribution of the general fund a plan which recognized in the general list of departments all subjects taught in the university, to which some subjects not taught here have been added. Every subject is thus recognized by a small appropriation, yet the sum total for this regular list is consistently kept down to about one-third of the total expenditures. It is believed that the reserve fund can be best managed by leaving it to be assigned at the discretion of the council to the departments making the strongest requests for special appropriations. Grants from this special reserve fund are not made before the second Wednesday in November of each year. The total sum regularly distributed among the various departments this year is \$6.250. A sum not to exceed \$1.00 is set aside for the purchase of periodicals. A discretionary fund of \$1.000 is placed at the disposal of the librarian for the purchase of works not properly falling within any of the departments, but important and useful for the general usefulness and symmetrical development of the library. One thousand dollars is set aside for the purpose of filling up incomplete sets of important periodicals. ral appropriations have been made, is \$5.285, h will be used for strengthening weak or neg-

uates, Among those who will be a considered and the consideration of the transfer of the consideration of the consideration of the subject of Professor Thurston's paper will be "The Steam Engine at the End of the Nineteenth Century" Colonel Ashley W. Cole, president of the State Railroad Commission, lectured before the university on Tuesday on the workings of his department.

COLUMBIA UNIVERSITY

INCREASED USE OF LIBRARY BY THE GEN-

Samoan question is the division of the group of islands, thus removing possibility of intrigue." Liquor Laws in the American Commonwealths, by Dr. Clement M. L. Sites; "The Growth of Cities," by Dr. Adna F. Weber, and "The History and Functions of Central Labor Unions," by Dr.

definite appointments have been made in each partment.

As a result of the lifetylew with the librarian published in The Trifune some six weeks ago the number of special registers during October was exactly doubled. The month of November will also show about the same increase over last year. The library exhibit at Paris will consist of a complete set of university publications, two large volumes of floor plans and photographic illustrations of the university and about fifty swinging card panels, with photographs and statistical charts.

MOUNT HOLYOKE COLLEGE. MUSICAL INTERESTS PRESENTATION OF "SHE

of Professor William C. Hammond music is bec hung. Two of these, Beethoven and Haydn, were presented by Mr. and Mrs. William Whiting on the hung. Two of these, Beethoven and Naydm.

presented by Mr. and Mrs. William Whiting on the occasion of the last concert. Others have been promised. On November 19 Professor N. H. Allen, of Hartford, gave a lecture on "The Sonata Form," Illustrated by Professor Hammond on the plano. He traced the development of the sonata, and considered especially the composers whose works were represented on the programme of the concert given by the Kaltenborn String Quartet on November 4.

The interest that Mount Holyoke students take in National affairs was shown by the large audience present at the "National convention," given by the Debating Society on November 12. The radicals presented a strong platform, and secured the nomination of Miss Minnie Graham as president of the United States of Mount Holyoke.

On November II the junior class presented Goldsmith's "She Stoops to Conquer."

The course of lectures on contemporary writers was continued on November 18 and Z by Miss Annah M. Soule, of the department of constitutional history and political economy, who spoke on "Toistof the Writer and Toistof the Reformer."

Mrs. Mary Mills Patrick, president of the American College for Girls at Constantinople, addressed the students in the chapel on November 10.

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The Consolidated Lime Company, of Baltimore, to deal in lime, cement, etc.; capital, \$100,000. In the month of November fifty companies were chartered here, with capital aggregating \$140,000,000, chartered here, with capital aggregating 110,00,00.
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ings devoted to pure science unexcelled by that of any American university.

The new vivarium, which will be opened formally on December 4, is now in working order. It is 61 by 33 feet, and contains aquariums and pool space with a total capacity of ten thousand gallons. Although the collections are not yet complete, a large variety of fish, frogs, newts, salamanders, turtles, lizards and snakes are aiready in the various alcoves, and scientific investigations have begun. One of the students is studying the influence of inoculation on the fertility of rabbits: another the artificial determination of sex in rais and mice; while one of the instructors is investigating the anatomy of a worm discovered many years ago by Dr. Joseph Leidy, and which, so far as is known, occurs nowhere else.

John B. Faught, who took his Ph. D. at Pennsylvania last year, has been elected assistant professor of mathematics at the University of Indiana.

AMONG THE DEPARTMENTS. Ithaca, N. Y., Dec. 1.-Some interesting facts in regard to the distribution of the library income have recently been made public by George William Harris, '73, librarian of Cornell University. The sum available this year for the increase of the li-brary is \$17,485. Of this sum \$800 is appropriated from the university funds for the purchase of historical works for the President White Library, in fulfilment of one of the conditions attending the transfer of that collection to the university: \$50 is the income of the Lucy Harris Memorial Fund for the purchase of a collection of the Victorian poets, given by Mr. Harris himself; \$16,635 is the income of the Sage Endowment Fund, given by the late president of the Board of Trustees for the purchase of books and periodicals for the general library. These figures do not include the special appropria tions made for the libraries of the colleges of law. forestry and veterinary science. Eight years ago the Library Council adopted for the distribution of

ted departments.

t the meeting of the American Society of Menical Engineers, to be held in New-York on Denical Engineers, to be held in New-York on Denical Engineers, to be held in New-York on Denical Engineers, to be the professors or grades, Among those who will take part are Profeses, Among those who will take part are Profeses, H. Thurston, Dr. H. T. Eddy, To. C. V. Kerr,
Paul M. Chamberlain, '90, and Arthur G. Rice,
The subject of Professor Thurston's paper will
"The Steam, Engine at the End of the Ninenth Century."

ERAL PUBLIC-THE PARIS EXHIBIT. On Thursday evening Professor John Bassett Moore lectured at the university on "The Samoan Question." He said that "the only solution of the The faculty of political science has published the following books: "Centralized Administration of

and Functions of Central Labor Unions," by Dr. William M. Burke.
Dr. Canfield, the new librarian, is from time to time making improvements in the general system of the library. The bookcases in the general system of the library. The bookcases in the general reading room, the stack rooms and seminar rooms have all been labelled. It is the librarian's purpose to create a reference division in the general reader's department with a full corps of reference librarians. So far the following appointments have been made: C. A. Nelson, head reference librarian and editor of library publications: Edward R. Smith, reference librarian in charge of the Avery collection, and William Switzer law librarian. Others will be added from time to time, possibly by next year, until each great division of the library will be represented by its own reference librarian. The general library staff has been reorganized and definite appointments have been made in each department.

STOOPS TO CONQUER." South Hadley, Mass., Dec. 1.-Under the direction ing a prominent feature at Mount Holyoke. The music room has been redecorated, and it is hoped that portraits of the great musicians will soon be

The American Wedgetype Company, of New-York City, for the purpose of exploiting a patent of proof taking and type bar machine; capital, \$500,000. were filed here to-day as follows:

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